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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/035,903
Filing Date	12/31/2001
First Named Inventor	Steven E. Smith et al.
Title	Tilt-In-Place ...
Group Art Unit	2874
Examiner Name	
Attorney Docket Number	TI-32682

I hereby appoint:

☒ Practitioners at Customer Number **23494**  
OR

☐ Practitioner(s) named below:

Name	Registration Number



23494

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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact business in the United States Patent and Trademark Office connected therewith.

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name	Texas Instruments Incorporated Charles A. Brill, Reg. No. 37,786
Signature	<i>Charles A. Brill</i>
Date	6.20.2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 5 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



TI-32682

PTO/SB/96 (08-00)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Steven E. Smith et al.Application No./Patent No.: 10/035,903Filed/Issue Date: 12/31/2001Entitled: Tilt-In-Place Alignment System and MethodTexas Instruments Incorporated, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012846, Frame 0634, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6-20-2003

Date

Charles A. Brill

Typed or printed name

Charles A. Brill

Signature

Patent Attorney

Title

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## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or each of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

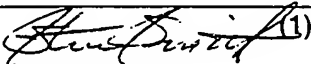

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	Tilt-In-Place Alignment System and Method		
SIGNATURE OF INVENTOR AND NAME	 (1) Steven E. Smith	 (2) Donald A. Powell	(3)
DATE	1/29/02	1/28/02	
RESIDENCE (City, State)	Coppell, Texas	Dallas, Texas	
DATE APPLICATION EXECUTED	12/31/2001	12/31/2001	

After recording, return Assignment to:

Charles A. Brill  
Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, Texas 75265



UNITED STATES  
PATENT AND  
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CAJ

JULY 02, 2002

PTAS

TEXAS INSTRUMENTS INCORPORATED  
CHARLES A. BRILL  
P.O. BOX 655474, MS 3999  
DALLAS, TX 75265

Commissioner for Trademarks  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/22/2002

REEL/FRAME: 012846/0634  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:  
SMITH, STEVEN E.

DOC DATE: 01/29/2002

ASSIGNOR:  
POWELL, DONALD A.

DOC DATE: 01/28/2002

ASSIGNEE:  
TEXAS INSTRUMENTS INCORPORATED  
P.O. BOX 655474, MS 3999  
DALLAS, TEXAS 75265

SERIAL NUMBER: 10035903  
PATENT NUMBER:

FILING DATE: 12/31/2001  
ISSUE DATE:

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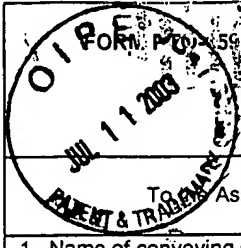
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TI-32682

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Commerce  
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To: Assistant Commissioner For Patents. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies)

Steven E. Smith  
Donald A. PowellAdditional name(s) & address(es) attached? Yes ☐ No ☒ **4-22-02**

## 2. Name and Address of receiving party(ies):

Name: Texas Instruments Incorporated

Address: P.O. Box 655474, MS 3999

City: Dallas

State: Texas Zip: 75265

Additional name(s) & address(es) attached? Yes ☐ No ☒

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 1/29/2002 and 1/28/2002

## 4. Application number(s) or patent number(s)

☐ This document is being filed together with a new application

Execution date of the application:

Title:

Docket No.:

## A. Patent Application No.(s)

Application No.: 10/035,903

Additional numbers attached? Yes ☐ No ☒

## B. Patent No.(s)

Additional numbers attached Yes ☐ No ☐

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles A. Brill, Patent Attorney  
Texas Instruments Incorporated

Address: P.O. Box 655474, MS 3999

City: Dallas

State: Texas Zip: 75265

6. Number of applications and patents involved: 1

## 7. Amount of fee enclosed or authorized to be charged: \$40

8. Deposit account number 20-0668.  
(Triplicate copies are not necessary)

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## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

Date

Charles A. Brill, Reg. No. 37,786  
Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 2

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